SAFETY BERM DESIGN
AND CONSTRUCTION SPECIFICATIONS

1) The proposed safety berm will have a minimum top width of five (5) feet.

2) The proposed safety berm will have a minimum height of five (5) feet.

3) The proposed safety berm will be designed and constructed with gently sloping banks stabilized with appropriate vegetation. Side slopes will be 2'H : 1'V.

4) All safety berms will be designed, constructed and maintained, using the best technology currently available, whereas additional contribution of suspended solids to stream-flow and to runoff outside the permit area is prevented.

5) Temporary safety berms will be removed and the affected area regraded, topsoiled (if required) and revegetated in accordance with Rules 880-X-10C-.10, 880-X-10C-.11, 880-X-10C-.52 thru 880-X-10C-.57 and 880-X-10C-.58 thru 880-X-10C-.63, when no longer needed.

6) Topsoil removed from the berm area (if required) will be handled in accordance with Rules 880-X-10C-.07 thru 880-X-10C- .11.

7) The entire area in which a safety berm is proposed will be cleared and grubbed of all organic material, scarified, and no surface slopes will be left steeper than 2H: 1V.

8) Safety berms will be constructed with desirable material, free of sod, stones, roots, limbs, etc. over six (6") inches in diameter. This material will be spread in layers no greater than twelve (12") inches in thickness and compacted to ninety five (95%) percent of the standard proctor density, as outlined in ASTM, until the design height is reached.

9) Upon completion of construction of safety berms, all disturbed areas will be seeded with a mixture of both annual and perennial grasses, fertilized, and mulched in order to minimize erosion and ensure restabilization.

10) All safety berms will be examined quarterly for erosion, instability, structural weakness, or other hazardous conditions and maintenance performed as necessary.